

Db 1921 TCACCGCAGGAGAAGATACAAAAAGAAACAAGTAGATGAGCAAATGAGAGACAACAGTCC 1980
Qy 1981 TGTGCATCTTCAGTACAGCATGTATGGCCATAAAACCACTCATCACACTACTGAAAGACC 2040
|||||
Db 1981 TGTGCATCTTCAGTACAGCATGTATGGCCATAAAACCACTCATCACACTACTGAAAGACC 2040
Qy 2041 CTCTGCCTCACTCTATGAACAGCACATGGGAGCCCACGAAGAGCTGAAGTTAATGGAAAC 2100
|||||
Db 2041 CTCTGCCTCACTCTATGAACAGCACATGGGAGCCCACGAAGAGCTGAAGTTAATGGAAAC 2100
Qy 2101 ATTAATGTACTCACGTCCAAGGAAGGTATTAGTGGAACAGACAAAAATGAGTATTTTGA 2160
|||||
Db 2101 ATTAATGTACTCACGTCCAAGGAAGGTATTAGTGGAACAGACAAAAATGAGTATTTTGA 2160
Qy 2161 ACTTAAAGCTAATTTACATGCTGAACCTGACTATTAGAACTCCTGGAGCAGCAAACATA.2220
|||||
Db 2161 ACTTAAAGCTAATTTACATGCTGAACCTGACTATTAGAACTCCTGGAGCAGCAAACATA 2220
Qy 2221 GATGGAGA 2228
|||||
Db 2221 GATGGAGA 2228

RESULT 2

US-10-776-773-70

; Sequence 70, Application US/10776773

; Publication No. US20050208039A1

; GENERAL INFORMATION:

; APPLICANT: Jakobovits, Aya

; APPLICANT: Morrison, Robert Kendall

; APPLICANT: Raitano, Arthur B.

; APPLICANT: Challita-Eid, Pia M.

; APPLICANT: Perez-Villar, Juan J.

; APPLICANT: Morrison, Karen Jane Meyrick

; APPLICANT: Faris, Mary

; APPLICANT: Ge, Wangmao

; APPLICANT: Gudas, Jean

; APPLICANT: Kanner, Steven B.

; TITLE OF INVENTION: Nucleic Acids and Corresponding Proteins

; TITLE OF INVENTION: Named 158P1D7 Useful in the Treatment and Detection of

; TITLE OF INVENTION: Bladder and Other Cancers

; FILE REFERENCE: 51158-20050.20

; CURRENT APPLICATION NUMBER: US/10/776,773

; CURRENT FILING DATE: 2004-02-10

; PRIOR APPLICATION NUMBER: US 10/280,340

; PRIOR FILING DATE: 2002-10-25

; PRIOR APPLICATION NUMBER: US 10/277,292

; PRIOR FILING DATE: 2002-10-21

; PRIOR APPLICATION NUMBER: US 09/935,430

; PRIOR FILING DATE: 2001-08-22

; PRIOR APPLICATION NUMBER: US 60/446,633

; PRIOR FILING DATE: 2003-02-10

; PRIOR APPLICATION NUMBER: US 60/227,098

; PRIOR FILING DATE: 2000-08-22

; PRIOR APPLICATION NUMBER: US 60/282,739

; PRIOR FILING DATE: 2001-04-10

; NUMBER OF SEQ ID NOS: 113

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 70

; LENGTH: 2228

; TYPE: DNA

; ORGANISM: Homo.sapiens

US-10-776-773-70

Query Match 100.0%; Score 2228; DB 10; Length 2228;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 2228; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TCGGATTTCATCACATGACAACATGAAGCTGTGGATTTCATCTCTTTATTCATCTCTCCT 60
|||||
Db 1 TCGGATTTCATCACATGACAACATGAAGCTGTGGATTTCATCTCTTTATTCATCTCTCCT 60
Qy 61 TGCCTGTATATCTTTTAACTCCAACTCCAGTGTCTCTCATCCAGAGGCTCTTGTGATTC 120
|||||
Db 61 TGCCTGTATATCTTTTAACTCCAACTCCAGTGTCTCTCATCCAGAGGCTCTTGTGATTC 120

Qy	121	TCTTTGCAATTGTGAGGAAAAAGATGGCACAATGCTAATAAATTGTGAAGCAAAAGGTAT	180
Db	121	TCTTTGCAATTGTGAGGAAAAAGATGGCACAATGCTAATAAATTGTGAAGCAAAAGGTAT	180
Qy	181	CAAGATGGTATCTGAAATAAGTGTGCCACCATCACGACCTTTCCAACCTAAGCTTATTAAA	240
Db	181	CAAGATGGTATCTGAAATAAGTGTGCCACCATCACGACCTTTCCAACCTAAGCTTATTAAA	240
Qy	241	TAACGGCTTGACGATGCTTCACACAAATGACTTTTCTGGGCTTACCAATGCTATTTCAT	300
Db	241	TAACGGCTTGACGATGCTTCACACAAATGACTTTTCTGGGCTTACCAATGCTATTTCAT	300
Qy	301	ACACCTTGGATTTAACAATATTGCAGATATTGAGATAGGTGCATTTAATGGCCTTGGCCT	360
Db	301	ACACCTTGGATTTAACAATATTGCAGATATTGAGATAGGTGCATTTAATGGCCTTGGCCT	360
Qy	361	CCTGAAACAACCTTCATATCAATCACAATTCTTTAGAAATCTTAAAGAGGATACTTTCCA	420
Db	361	CCTGAAACAACCTTCATATCAATCACAATTCTTTAGAAATCTTAAAGAGGATACTTTCCA	420
Qy	421	TGGACTGGAAAACTTGAATTCCTGCAAGCAGATAACAATTTTATCACAGTGATTGAACC	480
Db	421	TGGACTGGAAAACTTGAATTCCTGCAAGCAGATAACAATTTTATCACAGTGATTGAACC	480
Qy	481	AAGTGCCTTTAGCAAGCTCAACAGACTCAAAGTGTTAATTTTAAATGACAATGCTATTGA	540
Db	481	AAGTGCCTTTAGCAAGCTCAACAGACTCAAAGTGTTAATTTTAAATGACAATGCTATTGA	540
Qy	541	GAGTCTTCTCTCCAAACATCTTCCGATTGTTCCTTTAACCCTATAGATCTTCGTGGAAA	600
Db	541	GAGTCTTCTCTCCAAACATCTTCCGATTGTTCCTTTAACCCTATAGATCTTCGTGGAAA	600
Qy	601	TCAATTACAAACATTGCCTTATGTTGGTTTCTCGAACACATTGGCCGAATATTGGATCT	660
Db	601	TCAATTACAAACATTGCCTTATGTTGGTTTCTCGAACACATTGGCCGAATATTGGATCT	660
Qy	661	TCAGTTGGAGGACAACAAATGGGCCTGCAATTGTGACTTATTGCAGTTAAAAACTTGGTT	720
Db	661	TCAGTTGGAGGACAACAAATGGGCCTGCAATTGTGACTTATTGCAGTTAAAAACTTGGTT	720
Qy	721	GGAGAACATGCCTCCACAGTCTATAATTGGTGATGTTGTCTGCAACAGCCCTCCATTTT	780
Db	721	GGAGAACATGCCTCCACAGTCTATAATTGGTGATGTTGTCTGCAACAGCCCTCCATTTT	780
Qy	781	TAAAGGAAGTATACTCAGTAGACTAAAGAAGGAATCTATTGCCCTACTCCACCAGTGTA	840
Db	781	TAAAGGAAGTATACTCAGTAGACTAAAGAAGGAATCTATTGCCCTACTCCACCAGTGTA	840
Qy	841	TGAAGAACATGAGGATCCTTCAGGATCATTACATCTGGCAGCAACATCTTCAATAAATGA	900
Db	841	TGAAGAACATGAGGATCCTTCAGGATCATTACATCTGGCAGCAACATCTTCAATAAATGA	900
Qy	901	TAGTCGCATGTCAACTAAGACCAGTCCATTCTAAACTACCCACCAAGCACCAGGTTT	960
Db	901	TAGTCGCATGTCAACTAAGACCAGTCCATTCTAAACTACCCACCAAGCACCAGGTTT	960
Qy	961	GATACCTTATATTACAAAGCCATCCACTCAACTTCCAGGACCTTACTGCCCTATTCCTTG	1020
Db	961	GATACCTTATATTACAAAGCCATCCACTCAACTTCCAGGACCTTACTGCCCTATTCCTTG	1020
Qy	1021	TAAGTCAAAGTCTATCCCATCAGGACTTCTAATACATTGTCAGGAGCGCAACATTGA	1080
Db	1021	TAAGTCAAAGTCTATCCCATCAGGACTTCTAATACATTGTCAGGAGCGCAACATTGA	1080
Qy	1081	AAGCTTATCAGATCTGAGACCTCCTCCGCAAAATCCTAGAAAGCTCATTCTAGCGGGAAA	1140
Db	1081	AAGCTTATCAGATCTGAGACCTCCTCCGCAAAATCCTAGAAAGCTCATTCTAGCGGGAAA	1140
Qy	1141	TATTATTACAGTTTAATGAAGTCTGATCTAGTGAATATTTCACTTTGGAAATGCTTCA	1200
Db	1141	TATTATTACAGTTTAATGAAGTCTGATCTAGTGAATATTTCACTTTGGAAATGCTTCA	1200
Qy	1201	CTTGGGAAACAATCGTATTGAAGTTCTTGAAGAAGGATCGTTTATGAACCTAACGAGATT	1260
Db	1201	CTTGGGAAACAATCGTATTGAAGTTCTTGAAGAAGGATCGTTTATGAACCTAACGAGATT	1260

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Qy      1261 ACAAAAACCTCTATCTAAATGGTAACCACTGACCAAATTAAGTAAAGGCATGTTCTTGG 1320
Db      1261 ACAAAAACCTCTATCTAAATGGTAACCACTGACCAAATTAAGTAAAGGCATGTTCTTGG 1320

Qy      1321 TCTCCATAATCTTGAATACTTATATCTTGAATACAATGCCATTAAGGAAATACTGCCAGG 1380
Db      1321 TCTCCATAATCTTGAATACTTATATCTTGAATACAATGCCATTAAGGAAATACTGCCAGG 1380

Qy      1381 AACCTTTAATCCAATGCCTAAACTTAAAGTCTGTATTTAAATAACAACCTCCTCCAAGT 1440
Db      1381 AACCTTTAATCCAATGCCTAAACTTAAAGTCTGTATTTAAATAACAACCTCCTCCAAGT 1440

Qy      1441 TTTACCACCACATATTTTTTCAGGGGTTCTCTAACTAAGGTAAATCTTAAACAAACCA 1500
Db      1441 TTTACCACCACATATTTTTTCAGGGGTTCTCTAACTAAGGTAAATCTTAAACAAACCA 1500

Qy      1501 GTTTACCCATCTACCTGTAAGTAATATTTTGGATGATCTTGATTACTAACCCAGATTGA 1560
Db      1501 GTTTACCCATCTACCTGTAAGTAATATTTTGGATGATCTTGATTACTAACCCAGATTGA 1560

Qy      1561 CCTTGAGGATAACCCCTGGGACTGCTCCTGTGACCTGGTTGGACTGCAGCAATGGATACA 1620
Db      1561 CCTTGAGGATAACCCCTGGGACTGCTCCTGTGACCTGGTTGGACTGCAGCAATGGATACA 1620

Qy      1621 AAAGTTAAGCAAGAACACAGTGACAGATGACATCCTCTGCACTTCCCCCGGGCATCTCGA 1680
Db      1621 AAAGTTAAGCAAGAACACAGTGACAGATGACATCCTCTGCACTTCCCCCGGGCATCTCGA 1680

Qy      1681 CAAAAGGAATTGAAAGCCCTAAATAGTGAAATTCTCTGTCCAGGTTTAGTAAATAACCC 1740
Db      1681 CAAAAGGAATTGAAAGCCCTAAATAGTGAAATTCTCTGTCCAGGTTTAGTAAATAACCC 1740

Qy      1741 ATCCATGCCAACACAGACTAGTTACCTTATGGTCACCACTCCTGCAACAACAACAAATAC 1800
Db      1741 ATCCATGCCAACACAGACTAGTTACCTTATGGTCACCACTCCTGCAACAACAACAAATAC 1800

Qy      1801 GGCTGATACTATTTTACGATCTCTTACGGACGCTGTGCCACTGTCTGTTCTAATATTGGG 1860
Db      1801 GGCTGATACTATTTTACGATCTCTTACGGACGCTGTGCCACTGTCTGTTCTAATATTGGG 1860

Qy      1861 ACTTCTGATTATGTTTCATCACTATTGTTTTCTGTGCTGCAGGGATAGTGGTTCTTGTCT 1920
Db      1861 ACTTCTGATTATGTTTCATCACTATTGTTTTCTGTGCTGCAGGGATAGTGGTTCTTGTCT 1920

Qy      1921 TCACCGCAGGAGAAGATACAAAAGAAACAGTAGATGAGCAAATGAGAGACAACAGTCC 1980
Db      1921 TCACCGCAGGAGAAGATACAAAAGAAACAGTAGATGAGCAAATGAGAGACAACAGTCC 1980

Qy      1981 TGTGCATCTTCAGTACAGCATGTATGGCCATAAAACCACTCATCACACTACTGAAAGACC 2040
Db      1981 TGTGCATCTTCAGTACAGCATGTATGGCCATAAAACCACTCATCACACTACTGAAAGACC 2040

Qy      2041 CTCTGCCTCACTCTATGAACAGCACATGGGAGCCACGAAGAGCTGAAGTTAATGGAAAC 2100
Db      2041 CTCTGCCTCACTCTATGAACAGCACATGGGAGCCACGAAGAGCTGAAGTTAATGGAAAC 2100

Qy      2101 ATTAATGTACTCACGTCCAAGGAAGGTATTAGTGGAACAGACAAAAATGAGTATTTGA 2160
Db      2101 ATTAATGTACTCACGTCCAAGGAAGGTATTAGTGGAACAGACAAAAATGAGTATTTGA 2160

Qy      2161 ACTTAAAGCTAATTTACATGCTGAACCTGACTATTTAGAAGTCCTGGAGCAGCAAACATA 2220
Db      2161 ACTTAAAGCTAATTTACATGCTGAACCTGACTATTTAGAAGTCCTGGAGCAGCAAACATA 2220

Qy      2221 GATGGAGA 2228
Db      2221 GATGGAGA 2228

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RESULT 3

US-10-776-773-72

; Sequence 72, Application US/10776773

; Publication No. US20050208039A1

; GENERAL INFORMATION:

; APPLICANT: Jakobovits, Aya

; APPLICANT: Morrison, Robert Kendall

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; APPLICANT: Raitano, Arthur B.
; APPLICANT: Challita-Eid, Pia M.
; APPLICANT: Perez-Villar, Juan J.
; APPLICANT: Morrison, Karen Jane Meyrick
; APPLICANT: Faris, Mary
; APPLICANT: Ge, Wangmao
; APPLICANT: Gudas, Jean
; APPLICANT: Kanner, Steven B.
; TITLE OF INVENTION: Nucleic Acids and Corresponding Proteins
; TITLE OF INVENTION: Named 158P1D7 Useful in the Treatment and Detection of
; TITLE OF INVENTION: Bladder and Other Cancers
; FILE REFERENCE: 51158-20050.20
; CURRENT APPLICATION NUMBER: US/10/776,773
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: US 10/280,340
; PRIOR FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 10/277,292
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/935,430
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: US 60/446,633
; PRIOR FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: US 60/227,098
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: US 60/282,739
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 2228
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-776-773-72

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Query Match          100.0%; Score 2228; DB 10; Length 2228;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2228; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 TCGGATTTCATCACATGACAACATGAAGCTGTGGATTTCATCTCTTTTATTCATCTCTCCT 60
Db      1 TCGGATTTCATCACATGACAACATGAAGCTGTGGATTTCATCTCTTTTATTCATCTCTCCT 60

Qy     61 TGCCTGTATATCTTTTACACTCCCAAACCTCCAGTGCTCTCATCCAGAGGCTCTTGTGATTC 120
Db     61 TGCCTGTATATCTTTTACACTCCCAAACCTCCAGTGCTCTCATCCAGAGGCTCTTGTGATTC 120

Qy    121 TCTTTGCAATTGTGAGGAAAAAGATGGCACAATGCTAATAAATTGTGAAGCAAAAGGTAT 180
Db    121 TCTTTGCAATTGTGAGGAAAAAGATGGCACAATGCTAATAAATTGTGAAGCAAAAGGTAT 180

Qy    181 CAAGATGGTATCTGAAATAAGTGTGCCACCATCACGACCTTTCCAACCTAAGCTTATTAAA 240
Db    181 CAAGATGGTATCTGAAATAAGTGTGCCACCATCACGACCTTTCCAACCTAAGCTTATTAAA 240

Qy    241 TAACGGCTTGACGATGCTTCACACAATGACTTTTCTGGGCTTACCAATGCTATTTCAT 300
Db    241 TAACGGCTTGACGATGCTTCACACAATGACTTTTCTGGGCTTACCAATGCTATTTCAT 300

Qy    301 ACACCTTGGATTTAACAATATTGCAGATATTGAGATAGGTGCATTTAATGGCCTTGGCCT 360
Db    301 ACACCTTGGATTTAACAATATTGCAGATATTGAGATAGGTGCATTTAATGGCCTTGGCCT 360

Qy    361 CCTGAAACAACCTTCATATCAATCACAATTCTTTAGAAATCTTTAAAGAGGATACTTTCCA 420
Db    361 CCTGAAACAACCTTCATATCAATCACAATTCTTTAGAAATCTTTAAAGAGGATACTTTCCA 420

Qy    421 TGGACTGGAAAAACCTGGAATTCCTGCAAGCAGATAACAATTTTATCACAGTGATTGAACC 480
Db    421 TGGACTGGAAAAACCTGGAATTCCTGCAAGCAGATAACAATTTTATCACAGTGATTGAACC 480

Qy    481 AAGTGCCTTTAGCAAGCTCAACAGACTCAAAGTGTTAATTTTAAATGACAATGCTATTGA 540
Db    481 AAGTGCCTTTAGCAAGCTCAACAGACTCAAAGTGTTAATTTTAAATGACAATGCTATTGA 540

Qy    541 GAGTCTTCTCCAAACATCTCCGATTGTTCTTTAACCCATCTAGATCTTCGTGGAAA 600

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